

INTERNATIONAL SEARCH REPORT

International Application No
/IB2004/052415A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/16 H03J5/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B H04Q H03H H03J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/31885 A1 (NOKIA MOBILE PHONES LTD; VAEISAENEN, RISTO; KALTIOKALLIO, KIM) 2 June 2000 (2000-06-02) figure 1 page 2, paragraph 1 figure 2 page 6, line 15 - line 27 ----- -/--	1-31

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

2 February 2005

Date of mailing of the international search report

25/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>LAWTON M C ET AL: "The design of flexible receivers for communicating appliances" VEHICULAR TECHNOLOGY CONFERENCE, 1996. MOBILE TECHNOLOGY FOR THE HUMAN RACE., IEEE 46TH ATLANTA, GA, USA 28 APRIL-1 MAY 1996, NEW YORK, NY, USA, IEEE, US, vol. 2, 28 April 1996 (1996-04-28), pages 1060-1064, XP010162552 ISBN: 0-7803-3157-5 abstract page 1060, left-hand column page 1061, left-hand column, paragraph 1 - right-hand column, paragraph 1 -----</p>	1-31

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0031885	A1	02-06-2000	FI 982559 A	27-05-2000
			AU 1562800 A	13-06-2000
			CN 1328723 T	26-12-2001
			EP 1133831 A1	19-09-2001
			JP 2002530995 T	17-09-2002

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